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1	В	2,068,578	01/19/37	Stronac	ch .					
	С	2,544,106	03/06/51	Ray						
	D	2,829,891	04/08/58	Ludwig	;					
	E	2,906,532	09/29/59	Echols					`	
	F	3,475,020	10/28/69	Schauer	rte					
	G	3,475,021	10/28/69	Ruegse	gger					
	Н	3,485,495	12/23/69	Gibbs						
	1	3,511,500	5/12/70	Dunn						
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		М	3,814,420	06/04/74	Encke					:		
		N	3,833,215	09/03/74	Isdith							
		0	4,340,214	07/20/82	Schutze	er						
		P	4,396,189	08/02/83	Jenkins							
		Q	4,509,742	04/09/85	Cones							
		R	4,563,001	01/07/86	Teraud	s						
		s	4,577,861	03/25/86	Banger	ter, et al.	<u></u>					
		Т	4,609,190	09/02/86	Brentha	am						
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	х	4,830,362	5/16/89	Bull				·			
	Y	4,900,012	02/13/90	Fu							
	z	4,915,373	04/10/90	Walker							
	AA	4,934,688	06/1990	Lo							
	вв	4,938,474	07/1990	Sweene	y, et al.						
	cc	4,989,858	02/05/91	Young,	, et al.						
	DD	5,100,129	03/31/92	Porter,	et al.						
	EE	5,178,596	01/12/93	McIntir	re			·			
ŀ	FF	5,209,711	05/11/93	Scrima							
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		11	5,256,117	10/26/93	Potts, e	t al.						
		11	5,316,528	05/31/94	Ziparo							
		кк	5,316,530	05/31/94	Romer							
		LL	5,328,427	07/12/94	Sleama	ker		·				
		мм	5,336,143	08/1994	Wu							
		NN .	5,352,185	10/04/94	Blauth,	et al.				-		
		00	5,356,362	10/18/94	Becker,	et al.						
		PP -	5,372,564	12/13/94	Spirito							
		QQ	5,391,130	02/21/95	Green, et al.							
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		тт	5,487,711	01/30/96	Little		,					
		UU	5,499,956	03/19/96	Habing,	, et al.				2		
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		ww	5, 509,880	04/23/96	Becker,	et al.						
		xx	5,509,894	04/23/96	Mason,	et al.				·		
		YY	5,518,470	05/21/96	Piaget,	et al.						
		ZZ	5,520,598	05/28/96	Little							
-		AAA	5,527,247	06/18/96	Archam	ıbault						
	·	ввв	5,540,637	07/30/96	Rodgers	s, Jr.						
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